RED TEAM

Restaurant Service

Team Members: Girik Bangha, Farah Bokhari, Eric Gaspar-Acuna, Troy Sivick, Khup Tuang

Repository: https://github.com/TS935609/CSC-468-Group

Girik Bangha
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EDUCATION

West Chester University of Pennsylvania,   **West Chester, PA**

Bachelor of Science in Computer Science

Certification in Cyber Security   **May 2022**

Relevant Projects:

- *User Registration System- Java*

This project is broken up into 2 pieces. GUI Frontend which allows users to view/edit/create tables of students, faculty, and courses and Derby database which is the database system behind the Frontend - Derby/JDBC

- *Inversion Counter- Java*

This project was created to test the number of inversions it takes of a constant data set to be in sorted form using different sorting algorithms. The project took it a step further to see the difference in the inversions if you write the algorithms iteratively or recursively. Implemented Bubble Sort, Quick Sort, and Merge Sort algorithms within this application

Activities

- **Computer Science Club, West Chester University of Pennsylvania**

  o **Member**

- **Cyber Security Club, West Chester University of Pennsylvania**

  o **Member**

WORK EXPERIENCE

SEI Investments

Corporate IT Intern- June 2021-August 2021

● Collaborate with leaders to define and build new creative solutions for IT Asset tracking
● Transition business requirements into workflows and project backlogs required to define the scope of IT Asset Management project
● Collaborate with departments to identify, document, and communicate business needs and provide recommendations.
● Build out reports and automation using SQL & MS Excel to support IT Asset tracking activities.
● Review SCCM data discrepancies and recommend solutions
● Partner with the IT Hardware team and Client Services teams to identify process improvements in inventory tracking.

Mehra Bros – Handicrafts Wholesaler

Inventory Analyst – May 2014 till present

• Created Inventory tracking system using MS Excel
• Compile raw data and create reports on inventory projections
• Keep Management informed of incoming and outgoing products and adjust any shortcomings.

Dicks Sporting Goods

Retail Associate- July 2019- March 2020

• Operated cash registers, greeted customers, assisted people to find their desired merchandise

• Trained fellow employees in different aspects of retail POS which emphasized leadership skills

SKILLS & LANGUAGES

• Microsoft Applications: Excel, PowerPoint, Word
• Technology: Fluent in Java; Proficient in SQL
• Languages: English, Hindi

FARAH BOKHARI

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EDUCATION

West Chester University   **West Chester, PA**
Bachelor of Science in Computer Science   May 2023
Cumulative GPA: 3.40

NSA Cyber Security Certificate   May 2023

RELEVANT COURSEWORK

Discrete Mathematics	Computer Systems
Data Structures & Algorithms	Calculus I, II
Computer Security & Ethics	Data Communications & Networking
Cloud Computing	Programming Language Concepts/Paradigms
Software Engineering	

SKILLS

Programming Languages: Java, Haskell, C, Python
Methodologies: Agile, Scrum
Tools: Linux Terminal, Git/GitHub, Microsoft Excel, Microsoft Word, Microsoft Powerpoint
Languages: Bangla, English, Spanish

EXPERIENCE

Wedgewood Pharmacy   Swedesboro, NJ
IT Support Technician   November 2021– January 2022
- Provided professional and courteous end-user assistance for all computing devices and applications
- Troubleshooted and replaced hardware, hard drives, memory, and other networking peripherals
- Loaded specified software packages such as operating systems or spreadsheet programs into computers

West Chester University of Pennsylvania   West Chester, PA
IT Help Desk Intern   August 2021– December 2021
- Served as the first point of contact for faculty & staff technical issues
- Troubleshooted and facilitated solutions for hardware and software issues of PCs and MACs
- Performed remote troubleshooting through diagnostic techniques and pertinent questions

Masjid Al-Madina   Upper Darby, PA
Teaching Assistant   September 2015–January 2018
- Tutored students in certain concepts of algebra and pre-calculus
- Improve students' understanding of abstract concepts by giving demonstrations
- Grade exams, labs, and homework assignments for the students
- Held office hours for students who require further assistance

TECHNICAL PROJECTS

Sudoku Puzzle   February 2021 – March 2021
Software Developer
- Designed a program that takes in a two-dimensional array of 9x9 integers from 1 to 9 using Java
- Implemented methods that verifies whether the input solves a particular Sudoku puzzle
- Maintained version control through GitHub
- Used Trello board to keep track of progress

AWARDS

Golden Ram Scholarship, 2019- Present	Society of Muslim Engineers, 2019–Present
Future City Engineering Competition 2015	

TROY STEFEN R. SIVICK

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EXPERIENCE

JUNE 2020 – JANUARY 2022
CLOSING EXPERT, TARGET

At Target, I co-manage the closing of the store ensuring items are properly re-shopped and lined to planogram standard. I manage 2-3 departments a night regarding inventory replenishment, assisting with guest needs, as well as organizing backstock in the warehouse. Teamwork is valued, but my ability to work independently is also important in the closing tasks am responsible for.

EDUCATION

JUNE 2019
HIGH SCHOOL DIPLOMA, KENNETT HIGH SCHOOL

My four years at Kennett High School were spent working on projects with many other students and completing tasks with demanding deadlines. I also fulfilled several volunteer hours with events and charities. Upon graduation, I achieved Distinguished Honors with a 3.5 GPA.

IN PROGRESS
BACHELOR OF SCIENCE DEGREE IN COMPUTER SCIENCE, WEST CHESTER UNIVERSITY

I am currently in my Junior year. My GPA is 3.684 and I have made the Dean's List consistently since Freshman year.

SKILLS

- Proficient in Java and C programming
- Worked with Net Beans, Windows PowerShell, Visual Studio, and jGRASP
- Proficient knowledge of Data Structures and Algorithms
- Proficient in Microsoft Office applications
- Highly adaptable to changing situations environments
- Detail oriented
- Fast Learner, effective teacher
- Great communicator
- Team player

REFERENCES

Furnished upon request

Eric Gaspar-Acuna

484 Pemberton Rd. • Kennett Square, PA 19348

Ericgaspar87@gmail.com • 610-355-5465

EDUCATION

West Chester University of Pennsylvania, West Chester, PA

Bachelor of Science, Computer Science, May 2023

- Cumulative GPA: 3.87

Delaware County Community College

Associate of Science, Computer Science, May 2021

- Cumulative GPA: 3.8

SKILLS

Programming Languages: (Proficient) Java, Python ; (Familiar): C

Frameworks and tools: (Intermediate) Microsoft Word, Microsoft Excel (Familiar); GitHub, Linux

Other: Great Communicator, Eager to Learn, Teamwork and Cooperation

GitHub: https://github.com/Eric1053

Technical Projects

Flight airline schedule – 2020

Final - Data Structures and Algorithms

- Designed a program that took airline schedules and made it more readable using Java
- Managed many different scenarios such as, flight cancellations, change schedules, delays, etc.
- Used multiple different Data structures

Job Experience

Applebee's, Kennett Square, PA

Line Cook, June/2018 – Now

- Neighborhood Expert- Became an integral part of the team because of certification.
- Required to train many different types of people to become part of the team.
- Did documentation for new trainees.

Goose Creek, West Chester, PA

Host/Busser/Cashier, May/2015 – April/2018

- Good communications skills between customers and the rest of staff.
- Coordinated and strategized seating customers to keep a solid flow of customers.

Additional Experience

Volunteered for Town Festival - Team Leader, March 2018

- Coordinated with the supervisor and led others to do jobs to keep the festival running.
- In charge of others to make sure the tasks were being completed.
- Reported and suggested possible solutions for said problems.

KHUP TAITHUL

Folcroft, PA 19032 | (484) 848-6928 | aatuang@gmail.com

Education

Bachelor of Science: **Computer Science**   Expected in Dec 2022
West Chester University of Pennsylvania
Cumulative GPA: 3.668   West Chester, PA

Professional Summary

Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals. To seek and maintain a full-time position that offers professional challenges utilizing interpersonal skills, excellent time management, and problem-solving skills.

Skills

- Proficient in Java, Python, JavaScript, and Bash Scripting
- Technical acumen
- Software improvements
- Training and Development
- Decision Making

- Teamwork and Collaboration
- Dependable and Responsible
- Self-Motivated
- Cultural Awareness
- Volunteer oversight

Work History

Youth President   Jan 2021 - Current
PMCC   Chester, Pennsylvania
- Served on various council committees under pastor's supervision.
- Reported council plans and results to youth members.
- Managed youth department with 8 youth leaders, and 25 volunteers.

Sound, Media, and Music Director   Jan 2014 - Current
PMCC   Chester, United States
- Planned, built, implemented, and managed complex sound systems and media equipment.
- Negotiated rates with sound systems and media sales companies to obtain the most competitive prices.
- Managed and trained 8 volunteers

Languages

Burmese   **Zomi**

English   **Malay**

Chapter 1

Restaurant application that intends to provide cloud based service for reservation, orders for pickup or delivery, and a real time view for available tables. This service intends to make the customers' experience more feasible and stress free, especially during the pandemic. The workers will have access to a much more clearer and concise database at their hands and would improve staffing overall. You could use these trends to find which times are most popular for orders, you can then use this information to better staff the restaurant. A lot more money would be saved through this application and workers and drivers would see the same benefit as well. People will also have a comfortable environment to dine in due to the online service and will provide as a result less waiting time. This would also allow a less ad hoc environment for people that are walking into the restaurant.

Chapter 2

We will utilize React for webui due to its popularity among users and saves a lot of data due to its real time updates. Through the updates we can inform customers of available or non-available tables at their request, the menu, and what is possible to order either for delivery, pickup, or when you are seated. For the redis db we will use mysql due to the easy to understand and use syntax and our own preference to it. The redis db will store all the data of the restaurant such as tables, what's in stock, payment information (private), and which orders have been delivered or are in progress. Worker will use python to issue the calls it needs to both hasher and rng. Hasher will take python instead of ruby just like rng will as well. Worker, hasher, and rng will all be used for payment methods, both for online and in person.